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(71) Applicant (for all designated States except US): **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH];
Klybeckstrasse 141, CH-4057 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TAKAHASHI, Ryuichi** [JP/JP]; 1-4-6, Kanokodai Kita-machi, Kobe, Hyogo 651-1513 (JP). **KUNIMOTO, Kazuhiko** [JP/JP];

2-27-12, Keyakizaka, Kawahishi-shi, Hyogo 666-0145 (JP). **SUTTER, Peter** [CH/CH]; Seemättlistrasse 14/2, CH-4132 Muttentz (CH). **LEHMANN, Urs** [CH/CH]; Unterer Rheinweg 50, CH-4057 Basel (CH).

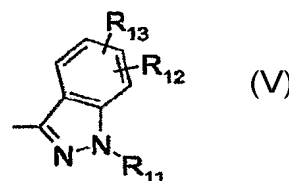
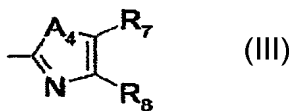
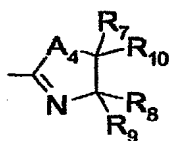
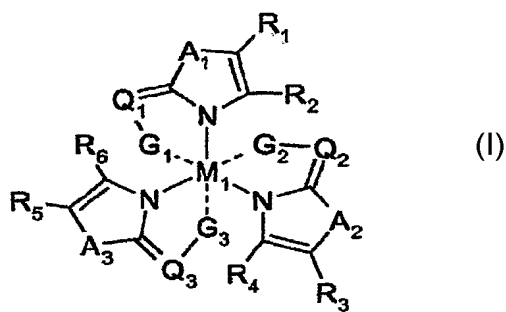
(74) Common Representative: **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).

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(54) Title: OPTICAL RECORDING MATERIALS HAVING HIGH STORAGE DENSITY



(57) Abstract: The invention relates to an optical recording medium comprising a substrate, a reflecting layer and a recording layer comprising a compound of formula (I) or a tautomer thereof, wherein G₁, G₂ and G₃ are each independently of the other A₁, A₂ and A₃ are each independently of the other N(R₁₄), O, S or Se and A₄ is C(C₁-C₅alkyl)₂, C(C₄-C₅alkylene), N(R₁₄), O, S, Se, N=C(R₁₅) or CH=C(R₁₆); M₁ is an at least trivalent metal of groups 3 to 15 most preferred Co(III) or Cr(III); Q₁, Q₂ and Q₃ are each independently of the other C(R₁₇), N or P. Recording and playback are effected especially at a wavelength of from 350 to 500 nm, for example using a blue laser.



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